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Substitute for form 1449

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Attorney Docket Number 80041 US 01

First Named Inventor Jernigan et al.

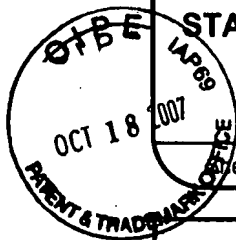
COMPLETE IF KNOWN

Application Number 10/796,238

Filing Date March 9, 2004

Group Art Unit 1711

Examiner Name T. Boykin



Sheet 1 of 4

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		3,451,971		Allied Chem Corp.	06-24-1969
		3,624,040		Rath, et al.	11-30-1971
		3,631,153		FMC Corp.	12-28-1971
		4,100,142		Schaefer, et al.	7-11-1978
		4,260,735		Bander, et al.	04-07-1981
		4,289,871		Rowan, et al	09-15-1981
		4,501,878		Adams	02-26-1985
		4,613,664		Tate et al.	09-23-1986
		4,619,987		Saiki, et al	10-28-1986
		4,647,650		Sasaki, et al	03-03-1987
		5,573,820		Harazoe, et al	11-12-1996
		5,648,032		Nelson, et al	07-15-1997
		5,886,133		Hilbert et al	03-23-1999
		6,066,714		Putzig, et al	05-23-2000
		6,099,778		Nelson, et al	08-08-2000
		6,472,500		Dhawan, et al.	10-29-2002
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		2002/0077443		Nichols, et al.	06-20-2002
		2003/144459		Fujimori et al.	07-31-2003

Examiner Signature		Date Considered	11/14/07
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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				Group Art Unit		1711			
Sheet	2	of	4	Examiner Name		T. Boykin			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		AT	259232 (ABS)		Chemiefaser Lenzing A. - G.	01-10-1968	
		DE	1950553 (ABS)		M&T Chem. Inc.	04-09-1970	
		EP	1065230		Arteva Technologies	01-03-2001	✓
		GB	1337751 (ABS)		Vickers-Zimmer AG Planung	11-21-1973	
		JP	1999152324		Teijin Ltd.	06-08-1999	✓
		JP	2000128970		Toyobo Co. Ltd.	05-09-2000	✓
		JP	2000128971		Toyobo Co. Ltd.	05-09-2000	✓
		JP	2000129102		Toyobo Co. Ltd.	05-09-2000	✓
		JP	3146707		Toray Industries	06-21-1991	✓
		JP	3161509		Toray Industries	07-11-1991	✓
		JP	3292323		Fuji Film Co., Ltd.	12-24-1991	✓
		JP	46041025		Asahi Chemical Industry	12-03-1971	✓
		JP	46041033 (ABS)		Asahi Chemical Ind.	12-03-1971	
		JP	47039497 (ABS)		Mitsubishi Rayon Co. Ltd.	01-18-1978	
		JP	47042989 (ABS)		Mitsubishi Rayon Co. Ltd.	06-05-1975	
		JP	48005798 (ABS)		Akzo NV	01-24-1973	
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				Application Number	10/796,238
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				Group Art Unit	1711
Sheet	3	of	4	Examiner Name	T. Boykin

		JP	48056782 (ABS)		Asahi Chemical Industry Co., Ltd.	08-09-1973	
		JP	48056783 (ABS)		Asahi Chemical Industry Co., Ltd.	08-09-1973	
		JP	48056784 (ABS)		Asahi Chemical Industry Co., Ltd.	08-09-1973	
		JP	48079898 (ABS)		Kuraray Co. Ltd.	10-26-1973	
		JP	49005918 (ABS)		Unilever NV	01-19-1974	
		JP	49006835 (ABS)		Japan Ester Co., Ltd.	02-16-1974	
		JP	49006839 (ABS)		Mitsubishi Chemical Industries Co., Ltd.	02-16-1974	
		JP	49009116 (ABS)		Mitsubishi Rayon Co., Ltd.	03-01-1974	
		JP	49010834 (ABS)		Armco Steel Corp.	01-30-1974	
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		JP	50039711 (ABS)		Matsushita Elec. Ind. Co. Ltd.	04-12-1975	
		JP	51042795 (ABS)		Toray Ind. Inc.	04-12-1976	
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		JP	52123489 (ABS)		Toray Ind. Inc.	10-17-1977	
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		JP	53051295 (ABS)		Mitsubishi Rayon Co. Ltd.	05-10-1978	
		JP	53052595 (ABS)		Nippon Ester Co. Ltd.	05-13-1978	
		JP	53105591 (ABS)		Nippon Ester Co. Ltd.	09-13-1978	
		JP	54135896 (ABS)		Nippon Ester Co. Ltd.	10-22-1979	
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		JP	55089332 (ABS)		Nippon Ester Co. Ltd.	07-05-1980	

Examiner Signature	<i>T. Boykin</i>	Date Considered	11/14/7
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Sheet	4	of	4	Examiner Name	T. Boykin

JP	55149320 (ABS)	Nippon Ester Co. Ltd.	11-20-1980	
JP	56008431 (ABS)	Nippon Ester Co. Ltd.	01-28-1981	
JP	57038609 (ABS)	Teijin Ltd.	08-17-1982	
JP	58109532 (ABS)	Nippon Ester Co. Ltd.	06-29-1983	
JP	59051295 (ABS)	Kyowa Hakko Kogyo KK	03-24-1984	
JP	60219226	Nippon Ester Co., Ltd.	11-01-1985	✓
JP	62297318	Toyobo Co., Ltd.	12-24-1987	✓
JP	1996003301	Mitsubishi Heavy Industries Ltd.	01-09-1996	✓
JP	1996073581	Hoechst Aktiengesellschaft	03-19-1996	✓
JP	1996283398	Nippon Ester Co. Ltd.	10-29-1996	✓
JP	8325364	Polyplastics Co., Ltd.	12-10-1996	✓
JP	1997040850	Toray Industries	02-10-1997	✓
JP	52105591 (ABS)	Eastman Kodak Co.	09-05-1977	
JP	73035948 (ABS)	Teijin Ltd.	11-04-1968	
KR	2001089942	Kohap Co., Ltd.	03-15-2000	✓
KR	1997-0007952	Kim Jun-eung, Sonkyong Industry Co. Ltd.	05-19-1997	✓
NL	7113206 (ABS)	Mitsubishi Rayon Co. Ltd.	03-28-1972	
WO	01/14452	Eastman Chemical Company	03-01-2001	

OTHER - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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